

## CLAIMS

We claim:

- 1.) A method for managing a respiratory condition in a subject with a pre-existing treatment protocol, comprising:
  - causing measurement of an analyte in a subject's exhaled breath;
  - using said measurement in a function to determine changes to said existing treatment protocol; and
  - altering said treatment protocol in accordance with said changes.
- 2.) The method according to claim 1, wherein said respiratory condition is asthma.
- 3.) The method according to claim 2, wherein said analyte is nitric oxide.
- 4.) The method according to claim 3, wherein said step of altering said treatment protocol in accordance with said changes comprises changing the frequency of administering a medication.
- 5.) The method according to claim 3, wherein said medication is inhaled.
- 6.) The method according to claim 3, wherein said step of altering said treatment protocol in accordance with said changes comprises changing the dosage of a medication.
- 7.) The method according to claim 3, wherein said step of altering said treatment protocol in accordance with said changes comprises adding an anti-inflammatory medication in addition to those anti-inflammatory medications already part of said existing treatment protocol.
- 8.) The method according to claim 3, wherein said step of altering said treatment protocol in accordance with said changes comprises removing an anti-inflammatory medication from those anti-inflammatory medications that are part of said existing treatment protocol.

- 9.) The method according to claim 1, 2, 3, 4, 5, 6, 7, or 8 wherein said measurement occurs at least weekly.
- 10.) The method according to claim 9, wherein said measurement occurs at least daily.
- 11.) The method according to claim 10, additionally comprising uploading data from said measurement of the subject's exhaled nitric oxide concentration to a clinician using the internet.
- 12.) A method for ensuring that a subject with a respiratory condition follows a prescribed treatment protocol, comprising:
  - causing measurement of the subject's exhaled nitric oxide concentration to occur; and
  - using said nitric oxide concentration in a function to determine if the subject is following said prescribed treatment protocol.
- 13.) The method according to claim 12, wherein said respiratory condition is asthma.
- 14.) The method according to claims 13, wherein said measurement occurs at least weekly.
- 15.) The method according to claim 14, wherein said measurement occurs daily.
- 16.) A method for managing a respiratory condition in a subject, comprising:
  - causing measurement of the subject's exhaled nitric oxide concentration to occur; and
  - using said nitric oxide concentration to create a treatment protocol for said subject.
- 17.) The method according to claim 16, wherein said respiratory condition is asthma.